

2024 Educational Series

# AIkhawarizmi

New



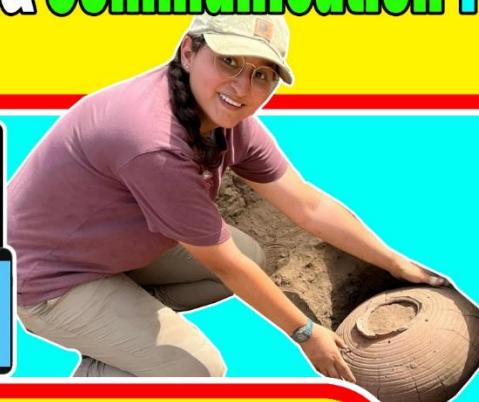
NATIONAL  
GEOGRAPHIC



# ICT



Information & Communication Technology



Belal Nasr  
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6

Sixth Grade  
First Term

## Theme1 : Lesson 2 Questions

**First: Put the word (True) or (False) :-**

- 1- Wi-Fi connects network devices to each other wirelessly. ( )
- 2- Switches can send data to a specific device over a network. ( )
- 3- Artificial Intelligence AI is the computer's ability to think, learn, and deduce. ( )
- 4- Networks are groups of devices or things that are connected to each other for a common purpose. ( )
- 5- Wireless uses cables which are plugged into port on devices. ( )
- 6- SWITCHES device converts the signal from the ISP into a digital signal. ( )
- 7- The SWITCHES allows wired devices to connect to a network. ( )
- 8- Ai does not need to be provided with information and knowledge related to a specific subject. ( )
- 9- Artificial intelligence can write articles on a topic. ( )
- 10- Ai technology is unable to give the answers to some possible questions. ( )
- 11- Ai works to retrieve the data it was provided with when needed. ( )
- 12- Artificial intelligence cannot imitate the actual human voice. ( )

## Second: Choose the correct answer from the brackets:

## Theme1 : Lesson 3 Questions

**First: Put the word (True) or (False) :-**

- 1- Ai is only one of the emerging types of future technology. ( )
- 2- AR show a 3-D model of what looks like the real world. ( )
- 3- VR can take you to a museum. ( )
- 4- A computer learns in Ai by analyzing the provided examples. ( )
- 5- Futuristic technologies disrupt the lives of people of determination. ( )
- 6- There are some AR Apps that show you how the new furniture will look in your house. ( )
- 7- AR does not help Student makes learning more memorable. ( )
- 8- AR technologies block out the real world and provides 360-degree views of another world. ( )
- 9- You do not need to wear VR headset to immerse yourself in the experience. ( )
- 10- Future technology can improve the lives of people of determination. ( )

## Second: Choose the correct answer from the brackets:

## Theme1 : Lesson 4 Questions

### First: Put the word (True) or (False) :-

1. Cutting-edge technology is defined as the latest and most advanced version of services or products. ( )
2. Assistive technology helps people of determination with tasks. ( )
3. Smart Gloves such as the assistive technology. ( )
4. There are no evaluation tools we can use. ( )
5. User experience is often broken into different areas and can be positive only. ( )
6. The goal of the varied of advanced assistive technology is to reduce the independence of people of determination. ( )

### Second: Choose the correct answer from the brackets:

- 1- Through ..... you can learn about some of the product's features.  
a- Tables. b-Email. C- user experience.
- 2- This is the newest and most advanced version of a service or product.  
a- Cutting edge technology b- Assistive technology.
- 3- It helps people of determination with tasks they find challenging.  
a- Cutting edge technology b- Assistive technology.
- 4- that empower deaf people to translate their signs in real time to spoken or text output.  
a- smart gloves b- compound words c- wheelchair
- 5- It describes how people use and interact with a product.  
a- Meeting needs b- User experiences c- both
- 6- User experience is often broken into different areas and can be ...  
a- positive b- negative c- both
- 7- User experience is interlinked with the development of products and services  
a- Meeting needs b- User experiences c- both

## Theme1 : Lesson 5 Questions

### First: Put the word (True) or (False) :-

- 1- Copy, paste and cut from digital editing tools. ( )
- 2- The Library of Alexandria catalog can be used through the library's digital website. ( )
- 3- Copy, paste is very useful when used word processing. ( )
- 4- One of the tools for digital research is specialized search engines. ( )
- 5- Verified online libraries are not digital research tools. ( )
- 6- Digital search tools make searches more difficult. ( )
- 7- The results for digital research tools will be different. ( )

- 8- The results for digital research tools will be similar. ( )
- 9- Knowing the results helps inform the research tools used. ( )
- 10-Search engines are easy and fast to use. ( )
- 11-Search engines show few results. ( )
- 12-EKB provides the results will be credible. ( )
- 13-A library catalog isn't a database, ( )
- 14-You can use other database fields to narrow a search, such as author. ( )

**Second: Choose the correct answer from the brackets:**

- 1- You use ..... when copying, pasting, or cutting information.  
a- Digital editing tools.      b- QR codes.      c- Hyperlink.
- 2- ..... Helps in searching for data on websites.  
a- Operating systems      b- Search engines      c- Programming languages
- 3- Example of a public and reliable database.  
a- EKB      b- Social networking sites      c- Digital research tools
- 4- You can search for some books in the school library by .....  
a- Databases.      b-Email.      c- Printers.
- 5- It helps you to search internet websites based on keywords.  
a- Websites      b- Databases      c- Search Engines
- 6- They are collections of information which are stored in a computer system.  
a- Websites      b- Databases      c- Search Engines
- 7- It is an example of a general database which covers many subjects.  
a- EKB      b- Google engine      c- Bing
- 8- They include all the items owned by a library.  
a- Library catalogs      b- Search engine      c- websites

**Theme1 : Lesson 7 Questions**

**First: Put the word (True) or (False) :-**

- 1- Android is a closed source mobile operating system. ( )
- 2- IOS operating system in Apple phones is a closed source. ( )
- 3- ROS operating system is one of the advanced OS for operating robots. ( )
- 4- Mobile devices have mobile operating systems. ( )
- 5- operating system runs computer software only. ( )
- 6- Most computers come without OS. ( )
- 7- Windows OS is the most popular system. ( )
- 8- Web access is not a function of the operating system. ( )
- 9- Code of closed-source systems can change. ( )
- 10- Code of open-source systems cannot change. ( )

11- Computer programming languages different. ( )  
12- The similarity of programming languages helps in facilitating the learning of other languages. ( )  
13- HTML is not compatible with all the major web browsers. ( )  
14- HTML allows adding elements such as links and images. ( )

**Second: Choose the correct answer from the brackets:**

1- Instructions are given to the computer in the form of code that can be used to create animation.  
a- Assistive technology. b- Programming languages. c- Hyperlink tools.

2- It is used to create web pages and consists of a series of basic elements such as heading, paragraphs, and links.  
a- Databases b- advanced technology. c- HTML

3- It is software that manages a computer's functions.  
a- Apps b- OS c- Processor

4- Operating systems includes accessible devices such as :  
a- screen readers , b- magnifiers. C- both

5- On of the Operating systems for PC.  
a- Windows b- Android c- Apple iOS

6- On of the Operating systems and used on Microsoft PCs  
a- Windows b- Android c- Apple iOS

7- The most popular mobile OS.  
a- Windows b- Android c- Apple iOS

8- It is used on the iPhone or Apple mobile devices.  
a- Windows b- Android c- Apple iOS

9- It open source operating system .  
a- windows b- Android c- Apple iOS

10- One of the functions of the mobile phone operating system .....  
a- messaging b- web access c- both

11- The programming code can be read or changed by anyone.  
a- open-source b- closed source c- both

12- it can't be seen or changed by the public.  
a- open-source b- closed source c- both

13- It is open-source software for building robot applications.  
a- Robot Operating System b- Windows c- android

14- Instructions to a computer are given in code.  
a- Robot Operating System b- Programming language c- Windows

15- Over time, programming languages have evolved from ..... to high-level languages.  
a- human language b- programming language  
c- simple machine language

16- It is like human languages.  
a- high-level languages      b- English      c- Machine language  
17- It is a binary system.  
a- high-level languages      b- English      c- Machine language  
18- Programming languages are usually choose .....  
a- closed source      b- open source      c- None  
19- Programmers use it to create web pages.  
a- HTML      b- VB      c- C++  
20- it commonly chosen for website creation.  
a- HTML      b- VB      c- C++

### Theme1 : Lesson 8 Questions

#### First: Put the word (True) or (False) :-

1- In HTML, it is difficult to add elements such as text, links, images, audio and video clips to the web page. ( )  
2- The closing tag is used to write the address of the web page. ( )  
3- The opening tag is used to create the textual content of the web page. ( )  
4- The Content tag is used to create the textual content of the web page. ( )  
5- The tag `<p> </p>` is used to write in a large font. ( )  
6- The tag `<font size="1">` is used to write a paragraph. ( )  
7- The tag `<strong>bold text</strong>` is used to write a bold font. ( )  
8- html describes the structure of a web page. ( )  
9- Web browsers cannot read HTML documents. ( )  
10-HTML Tags have two main parts opening and closing tag. ( )  
11-Tag `<h1></h1>` used to add a Heading. ( )  
12-Text broken up into paragraphs. ( )  
13-Images attract attention, and can trigger different emotions. ( )  
14- HTML elements break up web pages to make them easier to scan and read. ( )  
15- HTML code hinders people with low vision to distinguish between parts of a web page. ( )

#### Second: Choose the correct answer from the brackets:

1- It is the standard programming language used to create web pages.  
a- HTML      b- VB      c- C++  
2- HTML consists of a series of elements such as .....  
a- headings, paragraphs,      b- links, images.      c- all above  
3- It read HTML documents and display the content according to the HTML tag  
a- Web browsers      b- web site      c- devices  
4- They make the text easy to scan so a reader can find the info they want.  
a- Subheading      b- Images      c- hyperlinks

## Theme2 : Lesson 2 Questions

### First: Put the word (True) or (False) :-

- 1- Electronic games, played over the internet, it is fun without problems. ( )
- 2- You can play electronic games with friends online. ( )
- 3- Electronic games do not help promote critical and creative thinking. ( )
- 4- Electronic games encourage teamwork. ( )
- 5- Electronic games do not impact your health. ( )
- 6- Electronic games do not entail any dangers. ( )
- 7- Electronic games entail only psychological dangers. ( )
- 8- Over Playing of electronic games affects your sleep cycle. ( )
- 9- Electronic games may cause eye strain and headaches. ( )
- 10- Electronic games do not cause any back pain. ( )
- 11- Bullying is not one of the dangers of electronic games. ( )

12- Excessive playing of electronic games may cause others to bully you. ( )  
13- You should not share too much personal information. ( )  
14- Large gaming communities are overflowing with cyberbullies. ( )  
15- It is preferable to use the webcam while playing electronic games. ( )  
16- You should eat a healthy diet, meet your friends, and do exercises. ( )  
17- You can share your name and email address online. ( )  
18- Electronic games can strain your relationship with your family. ( )

**Second: Choose the correct answer from the brackets:**

1- It can impact your health.  
a- Educational programs      b- Healthy meals      c- Electronic games  
2- Electronic games entail multiple risks, including:  
a- Security dangers      c- Physical dangers      c- All of the above  
3- The impact on your sleep cycle is one of ..... of electronic games.  
a- Security dangers      c- Psychological dangers      c- Physical dangers  
4- Headaches are considered one of the dangers of electronic games  
a- Security dangers      b- Physical dangers      c- Psychological dangers  
5- one of the physical dangers of electronic games...  
a- Weight gain      b- Violence      c- Bullying  
6- Your feeling of loneliness in the real world of electronic games  
a- Security dangers      c- Psychological dangers      c- Physical dangers  
7- Electronic games can generate feelings.....  
a- Love      b- Aggression      c- Kindness  
8- They can cause your information to be leaked and viruses are easily spread.  
a- Friends      b- Strangers      c- Hackers  
9- Your name, email, and address are examples of .....  
a- Personal information      b- General information c- Confidential information  
10- When playing online, you should only talk to people.  
a- They are not known and you do not trust them.  
b- They are known and you do not trust them.  
c- They are known and you trust them  
11- When playing electronically, you must...  
a- Neglecting time      b- Using a camera      c- Respecting time periods.  
12- ..... is considered one of the dangers of electronic games.  
a- Finding information      b- Bullying      c- Communicating with friends

## Theme2 : Lesson 3 Questions

**First: Put the word (True) or (False) :-**

- 1- MFA is an ineffective way to protect your devices from theft. ( )
- 2- Fingerprint Authentication is an effective way to protect your devices from theft. ( )
- 3- Secure passwords with 8 letters only. ( )
- 4- To confirm your identity and protect your devices, you can scan your finger. ( )
- 5- Facial recognition software allows only your face to unlock your device. ( )
- 6- Companies don't need to protect their websites and their customers information .( )
- 7- Companies must inform their customers if they have been victims to data theft.( )
- 8- If you think your data has been compromised, You should report data theft too.( )
- 9- It is preferable that the password consist of numbers only. ( )
- 10-Multi-factor authentication requires at least two methods of identification.( )

## Second: Choose the correct answer from the brackets:

## Theme2 : Lesson 4 Questions

### First: Put the word (True) or (False):-

- 1- Using safe web browsers helps protect you from hacking. ( )
- 2- You must use antivirus to protect your devices. ( )
- 3- You can allow anyone to view your social media pages. ( )
- 4- You can communicate with people you don't know. ( )

- 5- Do not share personal information online. ( )
- 6- Use strong passwords and don't change them. ( )
- 7- You do not need to Verify information you find to make sure it is accurate. ( )
- 8- You may encounter problems while surfing the Internet, such as hacking and bullying. ( )
- 9- Malware is a type of cybersecurity threat. ( )
- 10- Mobile malware is not problematic. ( )
- 11- Spoofing can create email account that has the name of a trusted service. ( )

## Second: Choose the correct answer from the brackets:

## Theme2 : Lesson 5 Questions

## First: Put the word (True) or (False):-

- 1- Copyright includes written material only. ( )
- 2- Works in EKB is already approved for use and Creative Commons. ( )
- 3- Public domain that requires permission from their creator. ( )
- 4- must ask for permission before using images or infographics. ( )
- 5- In Egypt, there are no law to protect content creators from piracy. ( )
- 6- Copyright protects creators and gives them ownership of their work. ( )
- 7- The Egyptian stock exchange allows citizens to invest in any market sector. ( )
- 8- Smart investors analyze markets to see which companies' stocks go up or down. ( )
- 9- **Investor** is a person who handles the buying and selling of shares. ( )
- 10- Investors do not depend on financial **Broker**. ( )

11- Through electronic financial trading, transactions can be executed completely independently through websites or applications. ( )

12- It is not preferable to use consulting robots during electronic trading. ( )

13- Facilitating the process of buying and selling company shares is one of the advantages of electronic financial trading. ( )

**Second: Choose the correct answer from the brackets:**

1. It includes written, visual, audio, video, web material.  
a- Public Domain      b- Copyright      c- None of the above
2. It refers to work that has been granted permission to share by the creator.  
a- Public Domain      b- Copyright      c- Creative Commons
3. Egypt considers work ..... if the creator has been deceased for at least 50 years.  
a- Public Domain      b- Copyright      c- Creative Commons
4. The stock market is defined as a market in which buyers and sellers exchange...  
a- Websites      b- Applications      c- Company stocks
5. It is someone's invention, creation or idea, that is protected by law from being copied by someone else.  
a- Public Domain      b- Copyright      c- Creative Commons
6. It is a market where buyers and sellers deal in units of company stocks,  
a- Stock Exchange      b- E-commerce      c- E-marketing
7. This is a person who handles the buying and selling of shares..  
a- Investor      b- Broker      c- Seller
8. Company stocks are called .....  
a- Applications      b- Programs      c- shares
9. ..... facilitates and speeds up the execution of transactions for companies.  
a- Traditional      b- Electronic Financial Trading      c- Instant
10. A market in which buyers and sellers exchange units of the company's shares is called .....  
a- Commercial market      b- Electronic market      c- Stock exchange
11. They are online applications that provide guidance and financial services.  
a- Scare ware      b- Antiviruses      c- Robo-advisors

**Theme2 : Lesson 6 Questions**

**First: Put the word (True) or (False):-**

- 1- Cloud computing allows users to access files anytime and anywhere easily. ( )
- 2- Cloud computing has only positives. ( )
- 3- One of the disadvantages of cloud computing is providing backup copies of your files. ( )
- 4- You should keep files in separate folders based on their types in cloud storage. ( )
- 5- Cloud computing provides an additional layer of security through password-protected data storage and data encryption. ( )

- 6- One of the disadvantages of cloud computing is that it requires you to have an Internet connection. ( )
- 7- The more storage capacity you need, the higher the amount you will pay for the cloud computing service. ( )
- 8- The cloud computing service does not provide the possibility of creating separate folders for different data categories. ( )
- 9- Cloud storage services that offer MFA should be ignored. ( )
- 10- The storage capacity on your device can be increased by relying on the cloud storage service. ( )
- 11- Files stored on the cloud can be accessed without an Internet connection. ( )
- 12- There is no risk from using cloud computing. ( )
- 13- Files stored on the cloud can be accessed from only one device. ( )

**Second: Choose the correct answer from the brackets:**

- 1- It is an on-demand technology that allows data to be stored and accessed through remote servers over the Internet.  
a- Cloud computing      b- Stock Exchange      c- E-commerce
- 2- Examples of cloud computing service providers  
a-Google Drive      b- Microsoft OneDrive      c- Both
- 3- It enables users who are not connected to the local area network (LAN) to access and manage their data and files via the Internet.  
a- Websites      b- Remote servers      c- Switches
- 4- It converts data into code to prevent unauthorized user access.  
a- Data encryption      b- Data breach      c- Remote servers
- 5- You must create ..... files for all your accounts on cloud storage platforms.  
a- Name      b- Space      c- Strong passwords
- 6- A technology that allows data to be stored and accessed through remote servers over the Internet.  
a- Cloud computing      b- Holograms      c- Artificial intelligence
- 7- The OneDrive application can be accessed via.  
a- Microsoft 365      b- Google      c- Youtube
- 8- Access by unauthorized parties to confidential data and information is called.  
a- MFA      b- Cloud computing      c- Data breach
- 9- The ability to share files with authorized users of ..... cloud computing.  
a- Advantages      b- Disadvantages      c- None
- 10- Interruption of Internet connection is considered cloud computing.  
a- Advantages      b- Disadvantages      c- None

**Theme2 : Lesson 7 Questions****First: Put the word (True) or (False) :-**

- 1- Google Workspace is an example of cloud computing applications. ( )
- 2- Microsoft 365 is an example of cloud computing applications. ( )
- 3- The Microsoft platform provides its users with productivity applications and storage capacity. ( )
- 4- You cannot determine the level of access to your files through the OneDrive application. ( )
- 5- Google Workspace can be used to handle cloud computing applications. ( )
- 6- Microsoft 365 provides productivity applications such as Word. ( )
- 7- Excel is an email application. ( )
- 8- The OneDrive application is used for cloud storage. ( )
- 9- It is impossible to share files on OneDrive. ( )
- 10- The PowerPoint application helps you create a presentation. ( )
- 11- OneDrive is easy to access from any device. ( )

**Second: Choose the correct answer from the brackets:**

1. You store data or programs and access them over the Internet.  
a- Cloud computing      b- Hacking      c- Augmented reality
2. Examples of cloud computing applications.  
a- Microsoft 365      b- Google Workspace      c- Both
3. Microsoft 365 provides a group of productivity applications such as...  
a- OneDrive      b- Drive      c- Youtube
4. it application helps you share your work with your colleagues and access it easily  
a- OneDrive      b- forms      c- Youtube
5. The application helps to create a presentation  
a- OneDrive      b- PowerPoint      c- Teams
6. it application allows you to draft ideas, write a story or complete a task  
a- Word      b- PowerPoint      c- Teams
7. it application is used to prepare a school report.  
a-Word      b- PowerPoint      c- Teams
8. To share files, you must first create ..... files on OneDrive.  
a- Upload      b- Delete      c- Download
9. It is considered ..... the e-mail platform.  
a-OneDrive      b- Drive      c- Outlook

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Sixth Grade  
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- 2- Switches can send data to a specific device over a network. (t )
- 3- Artificial Intelligence AI is the computer's ability to think, learn, and deduce. (t )
- 4- Networks are groups of devices or things that are connected to each other for a common purpose. (t )
- 5- Wireless uses cables which are plugged into port on devices. (f )
- 6- SWITCHES device converts the signal from the ISP into a digital signal. (f )
- 7- The SWITCHES allows wired devices to connect to a network. (f )
- 8- Ai does not need to be provided with information and knowledge related to a specific subject. (f )
- 9- Artificial intelligence can write articles on a topic. (t )
- 10- Ai technology is unable to give the answers to some possible questions. (f )
- 11- Ai works to retrieve the data it was provided with when needed. (t )
- 12- Artificial intelligence cannot imitate the actual human voice. (f )

**Second: Choose the correct answer from the brackets:**

- 1- ..... Connects a LAN to the Internet.  
a- Modem      b- Switches      c- QR codes
- 2- ..... is used to send data to a specific device over a network to help speed up the transfer of data.  
a- QR code      b- Switches      c- Modem
- 3- Through ..... you can transfer data via wires and cables  
a- Email      b- Wireless networks      c- Wired networks
- 4- ..... is the ability of a machine such, as a computer, to think, learn.  
a- IPS Internet service      b- Ports      c- Artificial intelligence
- 5- It connects ..... network devices to each other wirelessly.  
a- Modem      b- Search engines      c- Wi-Fi
- 6- It converts the signal from the Internet service provider (ISP) into a digital signal.  
a- Port      b- Modem      c- Switches
- 7- They are groups of devices or things that are connected to each other for a common purpose.  
a- Networks      b- data      c- databases
- 8- There are two types of communication.  
a- Wireless Networks      b- Wired Networks      c- Both
- 9- It uses cables which are plugged into ports on devices.  
a- Wireless Networks      b- Wired Networks      c- Both
- 10- Devices can be connected without wiring  
a- Wireless Networks      b- Wired Networks      c- Both
- 11- They are intelligent devices to connect devices to networks.  
a- SWITCHES      b- Servers      c- HUBS
- 12- It works to imitate voices by providing it with the tone of a natural human voice.  
a- Artificial Intelligence      b- Applications      c- Modem

## Theme1 : Lesson 3 Questions

**First: Put the word (True) or (False) :-**

- 1- Ai is only one of the emerging types of future technology. (t )
- 2- AR show a 3-D model of what looks like the real world. (t )
- 3- VR can take you to a museum. (t )
- 4- A computer learns in Ai by analyzing the provided examples. (t )
- 5- Futuristic technologies disrupt the lives of people of determination. (f )
- 6- There are some AR Apps that show you how the new furniture will look in your house. (t )
- 7- AR does not help Student makes learning more memorable. (f )
- 8- AR technologies block out the real world and provides 360-degree views of another world. (f )
- 9- You do not need to wear VR headset to immerse yourself in the experience. (f )
- 10- Future technology can improve the lives of people of determination. (t )

## Second: Choose the correct answer from the brackets:

## Theme1 : Lesson 4 Questions

### First: Put the word (True) or (False) :-

1. Cutting-edge technology is defined as the latest and most advanced version of services or products. (t )
2. Assistive technology helps people of determination with tasks. (t )
3. Smart Gloves such as the assistive technology. (t )
4. There are no evaluation tools we can use. (f )
5. User experience is often broken into different areas and can be positive only. (f )
6. The goal of the varied of advanced assistive technology is to reduce the independence of people of determination. (f )

### Second: Choose the correct answer from the brackets:

- 1- Through ..... you can learn about some of the product's features.  
a- Tables. b-Email. C- user experience.
- 2- This is the newest and most advanced version of a service or product.  
a- Cutting edge technology b- Assistive technology.
- 3- It helps people of determination with tasks they find challenging.  
a- Cutting edge technology b- Assistive technology.  
c- Alternative technology
- 4- that empower deaf people to translate their signs in real time to spoken or text output.  
a- smart gloves b- compound words c- wheelchair
- 5- It describes how people use and interact with a product.  
a- Meeting needs b- User experiences c- both
- 6- User experience is often broken into different areas and can be ...  
a- positive b- negative c- both
- 7- User experience is interlinked with the development of products and services  
a- Meeting needs b- User experiences c- both

## Theme1 : Lesson 5 Questions

### First: Put the word (True) or (False) :-

- 1- Copy, paste and cut from digital editing tools. (t )
- 2- The Library of Alexandria catalog can be used through the library's digital website. (t )
- 3- Copy, paste is very useful when used word processing. (t )
- 4- One of the tools for digital research is specialized search engines. (t )
- 5- Verified online libraries are not digital research tools. (f )
- 6- Digital search tools make searches more difficult. (f )
- 7- The results for digital research tools will be different. (t )

8- The results for digital research tools will be similar. (f )  
 9- Knowing the results helps inform the research tools used. (t )  
 10-Search engines are easy and fast to use. (t )  
 11-Search engines show few results. (f )  
 12-EKB provides the results will be credible. (t )  
 13-A library catalog isn't a database, (f )  
 14-You can use other database fields to narrow a search, such as author. (t )

**Second: Choose the correct answer from the brackets:**

1- You use ..... when copying, pasting, or cutting information.  
 a- Digital editing tools.      b- QR codes.      c- Hyperlink.  
 2- ..... Helps in searching for data on websites.  
 a- Operating systems      b- Search engines      c- Programming languages  
 3- Example of a public and reliable database.  
 a- EKB      b- Social networking sites      c- Digital research tools  
 4- You can search for some books in the school library by .....  
 a- Databases.      b-Email.      c- Printers.  
 5- It helps you to search internet websites based on keywords.  
 a- Websites      b- Databases      c- Search Engines  
 6- They are collections of information which are stored in a computer system.  
 a- Websites      b- Databases      c- Search Engines  
 7- It is an example of a general database which covers many subjects.  
 a- EKB      b- Google engine      c- Bing  
 8- They include all the items owned by a library.  
 a- Library catalogs      b- Search engine      c- websites

**Theme1 : Lesson 7 Questions**

**First: Put the word (True) or (False) :-**

1- Android is a closed source mobile operating system. (f )  
 2- IOS operating system in Apple phones is a closed source. (t )  
 3- ROS operating system is one of the advanced OS for operating robots. (t )  
 4- Mobile devices have mobile operating systems. (t )  
 5- operating system runs computer software only. (f )  
 6- Most computers come without OS. (f )  
 7- Windows OS is the most popular system. (t )  
 8- Web access is not a function of the operating system. (f )  
 9- Code of closed-source systems can change. (f )  
 10- Code of open-source systems cannot change. (f )

11- Computer programming languages different. (f )  
 12- The similarity of programming languages helps in facilitating the learning of other languages. (t )  
 13- HTML is not compatible with all the major web browsers. (f )  
 14- HTML allows adding elements such as links and images. (t )

**Second: Choose the correct answer from the brackets:**

1- Instructions are given to the computer in the form of code that can be used to create animation.  
 a- Assistive technology. b- Programming languages. c- Hyperlink tools.

2- It is used to create web pages and consists of a series of basic elements such as heading, paragraphs, and links.  
 a- Databases b- advanced technology. c- HTML

3- It is software that manages a computer's functions.  
 a- Apps b- OS c- Processor

4- Operating systems includes accessible devices such as :  
 a- screen readers , b- magnifiers. C- both

5- On of the Operating systems for PC.  
 a- Windows b- Android c- Apple iOS

6- On of the Operating systems and used on Microsoft PCs  
 a- Windows b- Android c- Apple iOS

7- The most popular mobile OS.  
 a- Windows b- Android c- Apple iOS

8- It is used on the iPhone or Apple mobile devices.  
 a- Windows b- Android c- Apple iOS

9- It open source operating system .  
 a- windows b- Android c- Apple iOS

10- One of the functions of the mobile phone operating system .....  
 a- messaging b- web access c- both

11- The programming code can be read or changed by anyone.  
 a- open-source b- closed source c- both

12- it can't be seen or changed by the public.  
 a- open-source b- closed source c- both

13- It is open-source software for building robot applications.  
 a- Robot Operating System b- Windows c- android

14- Instructions to a computer are given in code.  
 a- Robot Operating System b- Programming language c- Windows

15-Over time, programming languages have evolved from ..... to high-level languages.  
 a- human language b- programming language  
 c- simple machine language

16- It is like human languages.  
 a- high-level languages      b- English      c- Machine language

17- It is a binary system.  
 a- high-level languages      b- English      c- Machine language

18- Programming languages are usually choose .....  
 a- closed source      b- open source      c- None

19- Programmers use it to create web pages.  
 a- HTML      b- VB      c- C++

20- it commonly chosen for website creation.  
 a- HTML      b- VB      c- C++

### Theme1 : Lesson 8 Questions

#### First: Put the word (True) or (False) :-

1- In HTML, it is difficult to add elements such as text, links, images, audio and video clips to the web page. (f )

2- The closing tag is used to write the address of the web page. (f )

3- The opening tag is used to create the textual content of the web page. (f )

4- The Content tag is used to create the textual content of the web page. (t )

5- The tag `<p> </p>` is used to write in a large font. (f )

6- The tag `<font size="1">` is used to write a paragraph. (f )

7- The tag `<strong>bold text</strong>` is used to write a bold font. (t )

8- html describes the structure of a web page. (t )

9- Web browsers cannot read HTML documents. (f )

10-HTML Tags have two main parts opening and closing tag. (f )

11-Tag `<h1></h1>` used to add a Heading. (t )

12-Text broken up into paragraphs. (t )

13-Images attract attention, and can trigger different emotions. (t )

14- HTML elements break up web pages to make them easier to scan and read. (t )

15- HTML code hinders people with low vision to distinguish between parts of a web page. (f )

#### Second: Choose the correct answer from the brackets:

1- It is the standard programming language used to create web pages.  
 a- HTML      b- VB      c- C++

2- HTML consists of a series of elements such as .....  
 a- headings, paragraphs,      b- links, images.      c- all above

3- It read HTML documents and display the content according to the HTML tag  
 a- Web browsers      b- web site      c- devices

4- They make the text easy to scan so a reader can find the info they want.  
 a- Subheading      b- Images      c- hyperlinks

## Theme2 : Lesson 2 Questions

### First: Put the word (True) or (False) :-

- 1- Electronic games, played over the internet, it is fun without problems. (f )
- 2- You can play electronic games with friends online. (t )
- 3- Electronic games do not help promote critical and creative thinking. (f )
- 4- Electronic games encourage teamwork. (t )
- 5- Electronic games do not impact your health. (f )
- 6- Electronic games do not entail any dangers. (f )
- 7- Electronic games entail only psychological dangers. (f )
- 8- Over Playing of electronic games affects your sleep cycle. (t )
- 9- Electronic games may cause eye strain and headaches. (t )
- 10- Electronic games do not cause any back pain. (f )
- 11- Bullying is not one of the dangers of electronic games. (f )

12- Excessive playing of electronic games may cause others to bully you. (t )  
13- You should not share too much personal information. (t )  
14- Large gaming communities are overflowing with cyberbullies. (t )  
15- It is preferable to use the webcam while playing electronic games. (f )  
16- You should eat a healthy diet, meet your friends, and do exercises. (t )  
17- You can share your name and email address online. (f )  
18- Electronic games can strain your relationship with your family. (t )

**Second: Choose the correct answer from the brackets:**

1- It can impact your health.  
a- Educational programs      b- Healthy meals      c- Electronic games  
2- Electronic games entail multiple risks, including:  
a- Security dangers      c- Physical dangers      c- All of the above  
3- The impact on your sleep cycle is one of ..... of electronic games.  
a- Security dangers      c- Psychological dangers      c- Physical dangers  
4- Headaches are considered one of the dangers of electronic games  
a- Security dangers      b- Physical dangers      c- Psychological dangers  
5- one of the physical dangers of electronic games...  
a- Weight gain      b- Violence      c- Bullying  
6- Your feeling of loneliness in the real world of electronic games  
a- Security dangers      c- Psychological dangers      c- Physical dangers  
7- Electronic games can generate feelings.....  
a- Love      b- Aggression      c- Kindness  
8- They can cause your information to be leaked and viruses are easily spread.  
a- Friends      b- Strangers      c- Hackers  
9- Your name, email, and address are examples of .....  
a- Personal information      b- General information c- Confidential information  
10- When playing online, you should only talk to people.  
a- They are not known and you do not trust them.  
b- They are known and you do not trust them.  
c- They are known and you trust them  
11- When playing electronically, you must...  
a- Neglecting time      b- Using a camera      c- Respecting time periods.  
12- ..... is considered one of the dangers of electronic games.  
a- Finding information      b- Bullying      c- Communicating with friends

## Theme2 : Lesson 3 Questions

**First: Put the word (True) or (False) :-**

- 1- MFA is an ineffective way to protect your devices from theft. (t )
- 2- Fingerprint Authentication is an effective way to protect your devices from theft. (t )
- 3- Secure passwords with 8 letters only. (f )
- 4- To confirm your identity and protect your devices, you can scan your finger. (t )
- 5- Facial recognition software allows only your face to unlock your device. (t )
- 6- Companies don't need to protect their websites and their customers information (f )
- 7- Companies must inform their customers if they have been victims to data theft.(t )
- 8- If you think your data has been compromised, You should report data theft too.(t )
- 9- It is preferable that the password consist of numbers only. (f )
- 10-Multi-factor authentication requires at least two methods of identification.(t )

## Second: Choose the correct answer from the brackets:

## Theme2 : Lesson 4 Questions

### First: Put the word (True) or (False):-

- 1- Using safe web browsers helps protect you from hacking. (t )
- 2- You must use antivirus to protect your devices. (t )
- 3- You can allow anyone to view your social media pages. (f )
- 4- You can communicate with people you don't know. (f )

- 5- Do not share personal information online. (t )
- 6- Use strong passwords and don't change them. (f )
- 7- You do not need to Verify information you find to make sure it is accurate. (f )
- 8- You may encounter problems while surfing the Internet, such as hacking and bullying. (t )
- 9- Malware is a type of cybersecurity threat. (t )
- 10- Mobile malware is not problematic. (f )
- 11- Spoofing can create email account that has the name of a trusted service. (t )

**Second: Choose the correct answer from the brackets:**

- 1- Verify websites that you frequent are .....  
a- real and safe      b- age appropriate.      c- All the above
- 2- It is to protect networks, devices, and data from electronic attacks.  
a- Cybersecurity      b- Impersonation      c- Malware
- 3- It is a type of malware that pretends to be a virus alert.  
a- Scare ware      b- Spoofing      c- Antiviruses
- 4- Cyber criminals pretend to be a business, or a known person.  
a- Scare ware      b- Spoofing      c- Antiviruses
- 5- it tells you to click on the link to help remove it, but the link is actually the virus.  
a- Scare ware      b- Spoofing      c- Antiviruses
- 6- When your account is hacked ..... the passwords for your device, email, and social media accounts.  
a- Change some      b- Change all      c- Do not change
- 7- Use ..... software to do a sweep of your computer and remove any viruses.  
a- Antivirus      b- Word      c- Excel
- 8- Confirm your security settings are.....  
a- Deletion      b- up-to-date      c- Neglect

**Theme2 : Lesson 5 Questions**

**First: Put the word (True) or (False):-**

- 1- Copyright includes written material only. (f )
- 2- Works in EKB is already approved for use and Creative Commons. (t )
- 3- Public domain that requires permission from their creator. (t )
- 4- must ask for permission before using images or infographics. (t )
- 5- In Egypt, there are no law to protect content creators from piracy. (f )
- 6- Copyright protects creators and gives them ownership of their work. (t )
- 7- The Egyptian stock exchange allows citizens to invest in any market sector. (t )
- 8- Smart investors analyze markets to see which companies' stocks go up or down. (t )
- 9- **Investor** is a person who handles the buying and selling of shares. (f )
- 10- Investors do not depend on financial **Broker**. (f )

11- Through electronic financial trading, transactions can be executed completely independently through websites or applications. (t )

12-It is not preferable to use consulting robots during electronic trading. (f )

13- Facilitating the process of buying and selling company shares is one of the advantages of electronic financial trading. (t )

## Second: Choose the correct answer from the brackets:

1. It includes written, visual, audio, video, web material.  
a- Public Domain      b- Copyright      c- None of the above
2. It refers to work that has been granted permission to share by the creator.  
a- Public Domain      b- Copyright      c- Creative Commons
3. Egypt considers work ..... if the creator has been deceased for at least 50 years.  
a- Public Domain      b- Copyright      c- Creative Commons
4. The stock market is defined as a market in which buyers and sellers exchange...  
a- Websites      b- Applications      c- Company stocks
5. It is someone's invention, creation or idea, that is protected by law from being copied by someone else.  
a- Public Domain      b- Copyright      c- Creative Commons
6. It is a market where buyers and sellers deal in units of company stocks,  
a- Stock Exchange      b- E-commerce      c- E-marketing
7. This is a person who handles the buying and selling of shares..  
a- Investor      b- Broker      c- Seller
8. Company stocks are called .....  
a- Applications      b- Programs      c- shares
9. ..... facilitates and speeds up the execution of transactions for companies.  
a- Traditional      b- Electronic Financial Trading      c- Instant
10. A market in which buyers and sellers exchange units of the company's shares is called .....  
a- Commercial market      b- Electronic market      c- Stock exchange
11. They are online applications that provide guidance and financial services.  
a- Scare ware      b- Antiviruses      c- Robo-advisors

## Theme2 : Lesson 6 Questions

### First: Put the word (True) or (False):-

- 1- Cloud computing allows users to access files anytime and anywhere easily. (t )
- 2- Cloud computing has only positives. (f )
- 3- One of the disadvantages of cloud computing is providing backup copies of your files.(f )
- 4- You should keep files in separate folders based on their types in cloud storage. (t )
- 5- Cloud computing provides an additional layer of security through password-protected data storage and data encryption. (t )

6- One of the disadvantages of cloud computing is that it requires you to have an Internet connection. (t )

7- The more storage capacity you need, the higher the amount you will pay for the cloud computing service. (t )

8- The cloud computing service does not provide the possibility of creating separate folders for different data categories. (f )

9- Cloud storage services that offer MFA should be ignored. (t )

10- The storage capacity on your device can be increased by relying on the cloud storage service. (t )

11- Files stored on the cloud can be accessed without an Internet connection. (f )

12- There is no risk from using cloud computing. (f )

13- Files stored on the cloud can be accessed from only one device. (f )

**Second: Choose the correct answer from the brackets:**

1- It is an on-demand technology that allows data to be stored and accessed through remote servers over the Internet.

a- Cloud computing      b- Stock Exchange      c- E-commerce

2- Examples of cloud computing service providers

a-Google Drive      b- Microsoft OneDrive      c- Both

3- It enables users who are not connected to the local area network (LAN) to access and manage their data and files via the Internet.

a- Websites      b- Remote servers      c- Switches

4- It converts data into code to prevent unauthorized user access.

a- Data encryption      b- Data breach      c- Remote servers

5- You must create ..... files for all your accounts on cloud storage platforms.

a- Name      b- Space      c- Strong passwords

6- A technology that allows data to be stored and accessed through remote servers over the Internet.

a- Cloud computing      b- Holograms      c- Artificial intelligence

7- The OneDrive application can be accessed via.

a- Microsoft 365      b- Google      c- Youtube

8- Access by unauthorized parties to confidential data and information is called.

a- MFA      b- Cloud computing      c- Data breach

9- The ability to share files with authorized users of ..... cloud computing.

a- Advantages      b- Disadvantages      c- None

10- Interruption of Internet connection is considered cloud computing.

a- Advantages      b- Disadvantages      c- None

**Theme2 : Lesson 7 Questions****First: Put the word (True) or (False) :-**

- 1- Google Workspace is an example of cloud computing applications. (t )
- 2- Microsoft 365 is an example of cloud computing applications. (t )
- 3- The Microsoft platform provides its users with productivity applications and storage capacity. (t )
- 4- You cannot determine the level of access to your files through the OneDrive application. (f )
- 5- Google Workspace can be used to handle cloud computing applications. (t )
- 6- Microsoft 365 provides productivity applications such as Word. (t )
- 7- Excel is an email application. (f )
- 8- The OneDrive application is used for cloud storage. (t )
- 9- It is impossible to share files on OneDrive. (f )
- 10- The PowerPoint application helps you create a presentation. (t )
- 11- OneDrive is easy to access from any device. (t )

**Second: Choose the correct answer from the brackets:**

1. You store data or programs and access them over the Internet.  
a- Cloud computing      b- Hacking      c- Augmented reality
2. Examples of cloud computing applications.  
a- Microsoft 365      b- Google Workspace      c- Both
3. Microsoft 365 provides a group of productivity applications such as...  
a- OneDrive      b- Drive      c- Youtube
4. it application helps you share your work with your colleagues and access it easily  
a- OneDrive      b- forms      c- Youtube
5. The application helps to create a presentation  
a- OneDrive      b- PowerPoint      c- Teams
6. it application allows you to draft ideas, write a story or complete a task  
a- Word      b- PowerPoint      c- Teams
7. it application is used to prepare a school report.  
a-Word      b- PowerPoint      c- Teams
8. To share files, you must first create ..... files on OneDrive.  
a- Upload      b- Delete      c- Download
9. It is considered ..... the e-mail platform.  
a- OneDrive      b- Drive      c- Outlook